| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|------------------------------|---------------------|---------|------------------|
| S1 | 8 | (("6,410,944") or ("6,194,743") or ("5,733,796") or ("5,563,422") or ("5,306,662") or ("5,247,533") or ("5,122,845")). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/22 15:19 |
| S2 | 1370 | (257/77,85).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/09 13:18 |
| S3 | 741 | S2 and (SiC or SiCN or CN) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 16:31 |
| S4 | 28 | S2 and ((SiC or SiCN or CN) with (contact adj layer)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 15:41 |
| S5 | 21 | S2 and nitride and ((SiC or SiCN or CN) with (contact adj layer)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 16:03 |
| S6 | 1360 | (257/E33.025,E33.028,E33.03, E33.033).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/28 08:11 |
| S7 | .44 | S6 and nitride and ((SiC or SiCN or CN) with (contact adj layer)) | US-PGPUB; USPAT; USOCR | ÓR | ON | 2007/06/22 16:33 |
| S8 | 41 | S7 not S5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 16:04 |
| S9 | 5 | nitride and ((SiCN or CN) with (contact adj layer)) | US-PGPUB; USPAT; USOCR | OR. | ON | 2007/06/22 16:23 |
| S10 | 1 | nitride and ((SiCN or CN) with (contact adj electrode)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 16:24 |
| S11 | 1090 | nitride with (SiCN or CN) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 16:24 |
| S12 | 28 | nitride with (SiCN or CN) with contact | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 16:24 |
| S13 | 29 | S6 and (SiCN or CN) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 16:35 |
| S14 | 3 | S6 and ((silicon adj carbonitride) or (carbon adj nitride)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 16:37 |

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|-----|------|---|------------------------------|------|-----|------------------|
| S15 | 3913 | (SiCN or CN) with contact | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 12:39 |
| S16 | 75 | SiCN with contact | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/22 16:38 |
| S17 | 1 | JP-10084159-\$.did. | DERWENT | OR | ON | 2007/06/28 08:09 |
| S18 | 1 | JP-10065212-\$.did. | DERWENT | OR . | ON | 2007/06/28 08:09 |
| S19 | 1370 | (257/E33.025,E33.028,E33.03, E33.033).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/28 08:11 |
| S20 | 382 | S19 and (contact adj resistance) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 08:15 |
| S21 | 293 | S20 and (contact adj layer) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 08:12 |
| S22 | 192 | S21 and (SiC or (silicon adj carbide)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 08:12 |
| S23 | 16 | S20 and ((contact adj layer) with (SiC or (silicon adj carbide))) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 08:37 |
| S24 | 65 | S19 and ((contact adj layer) with (SiC or (silicon adj carbide))) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 09:02 |
| S25 | 92 | (SiC or (silicon adj carbide)) with (contact adj layer) with light | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 11:42 |
| S26 | 1 | ("20040159843").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/28 09:24 |
| S27 | 1 | S26 and SiC | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 10:21 |
| S28 | 24 | inverted adj light adj emitting | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 10:21 |
| S29 | 11 | S28 and (SiC or (silicon adj carbide)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 10:29 |
| S30 | 17 | (SiC or (silicon adj carbide)) with (contact adj layer) with light | EPO; JPO; DERWENT | OR | ON | 2007/06/28 10:42 |
| S31 | 1 | ((carbon adj nitride) or (silicon adj carbon adj nitride)) with (contact adj layer) | EPO; JPO; DERWENT | OR | ON | 2007/06/28 10:41 |

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|-----|------|---|------------------------------|----|------|------------------|
| S32 | 62 | (SiC or (silicon adj carbide)) with (contact adj layer) not S30 | EPO; JPO; DERWENT | OR | ON | 2007/06/28 10:42 |
| S33 | 349 | (SiC or (silicon adj carbide)) with (contact adj layer) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 11:43 |
| S34 | 257 | S33 not S25 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 12:50 |
| S35 | 1 | ("6759683").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/28 13:16 |
| S36 | 141 | (SiC or (silicon adj carbide)) with (contact adj layer) with (n-type or p-type) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 13:17 |
| S37 | 124 | S36 and nitride | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 13:17 |
| S38 | 77 | S36 and (nitride with light) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 13:17 |
| S39 | 4 | ("5804834" "6046464" "6238945").PN. OR ("6410944"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/07/09 13:05 |
| S40 | 1 | ("20010042860").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/09 13:05 |
| S41 | 1375 | (257/77,85).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/09 13:18 |
| S42 | 249 | S41 and (contact adj layer) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/09 13:18 |
| S43 | 141 | S42 and nitride | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/09 13:38 |
| S44 | 105 | S43 and (SiC or SiCN or CN) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/09 13:38 |
| S45 | 3931 | (SiCN or CN) with contact | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 14:58 |
| S46 | 6 | S45 and (light adj emitting adj device) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 12:42 |
| S47 | 45 | (carbon adj nitride) with contact | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 13:40 |

| S48 | 101 | (carbon adj nitride) with electrode | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 13:01 |
|-----|------|--|------------------------------|----|------|------------------|
| S49 | 84 | S48 not S47 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 13:01 |
| S50 | 48 | (carbon adj nitride) with light | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 13:40 |
| S51 | 41 | S50 not S47 not S48 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 13:52 |
| S52 | 4852 | (SiC or (silicon adj carbide)) with (contact or (current adj spread\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 15:21 |
| S53 | 951 | S52 and (LED or (light adj emitting)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 13:54 |
| S54 | 534 | S53 and nitride | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 13:56 |
| S55 | 5769 | edmond.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 15:02 |
| S56 | 152 | S55 and (SiC or (silicon adj carbide)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 15:02 |
| S57 | 133 | S56 and contact | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 13:56 |
| S58 | 0 | (SiCN or CN) with (current adj spread\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 15:00 |
| S59 | 64 | (SiCN or CN) and (current adj spread\$3) | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/07/27 15:00 |
| S60 | 121 | "edmond, john".in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 15:02 |
| S61 | 98 | S60 and (SiC or (silicon adj carbide)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 15:05 |
| S62 | 2 | S60 and (CN or (carbon adj nitride)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 15:05 |

| S63 | 3901 | (CN or (carbon adj nitride)) with (contact or (current adj spread\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 15:22 |
|-------|------|--|------------------------------|------|-----|------------------|
| S64 | 45 | (carbon adj nitride) with (contact or (current adj spread\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/27 15:22 |
| S67 | 824 | (ITO or (indium adj tin adj oxide)) with p-type | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/29 16:25 |
| S68 | 388 | S67 and (LED or (light adj emitting adj device)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/29 16:44 |
| S69 | 1 | ("20020179918").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/29 16:44 |
| S70 | 3 | ("2002/0179918").URPN. | USPAT | OR | ON | 2007/07/29 17:15 |
| S71 | 1 | (carbon adj nitride) with (tunneling or tunnelling or reverse\$tunneling or reverse\$tunnelling) | USPAT | OR | ON | 2007/07/29 17:17 |
| S72 | 1355 | contact with (tunneling or tunnelling or reverse\$tunneling or reverse\$tunnelling) | USPAT | OR | ON | 2007/07/29 17:17 |
| S73 | 2 | contact with (reverse\$tunneling or reverse\$tunnelling) | USPAT | OR | ON | 2007/07/29 17:18 |
| S74 | 862 | carbon adj nitride | USPAT | OR | ON | 2007/07/29 17:21 |
| S75 | 21 | S74 with contact | USPAT | OR | ON | 2007/07/29 17:20 |
| S76 | 0 | S74 with (current adj spread\$3) | USPAT | OR . | ON | 2007/07/29 17:21 |
| S78 ' | . 57 | S74 and LED | USPAT | OR | ON | 2007/07/29 17:23 |
| S79 | 346 | S74 and light | USPAT | OR . | ON | 2007/07/29 17:23 |
| S80 | 65 | S74 and (light adj emitting) | USPAT | OR | ON | 2007/07/29 17:24 |
| S81 | 35 | S74 and (light adj emitting adj device) | USPAT | OR | ON | 2007/07/29 17:24 |
| S82 | 3 | (carbon adj nitride) with (hole with injecti\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/30 07:27 |
| S83 | 10 | (carbon adj nitride) with hole | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/30 07:27 |
| S84 | 709 | ((silicon adj carbide) or SiC) with ((carbon adj nitride) or CN) | US-PGPUB; USPAT; USOCR | OŖ Î | ON | 2008/01/17 17:00 |
| S85 | 554 | S84 and @ay <= "2005" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/17 17:01 |

| S86 | 287 | S85 and (conductivity or doping or dopant or (p adj type)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/17 17:02 |
|-----|-----|--|------------------------------|----|----|------------------|
| S87 | 285 | S85 and (conductivity or doping or dopant or ((p adj type) and (n adj type))) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/17 17:04 |
| S88 | 92 | S85 and (conductivity or doping or dopant) and ((p adj type) and (n adj type)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/17 17:05 |